



Sheet 1 of 1

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
678-1236SERIAL NO.  
10/692,894INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANTS  
Chan-Soo HWANG et al.FILING DATE  
October 24, 2003GROUP ART UNIT  
2681

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|-----------------|------|------|-------|----------|-------------------------------|
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## FOREIGN PATENT DOCUMENTS

|  | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |    |  |
|----|----|--|
| EB | 1. | Vahid Tarokh et al., "Space-Time Block Codes From Orthogonal Designs", IEEE Transactions on Information Theory, Vol. 45, No. 5, July 1999, pp. 1456-1467.                              |
|    | 2. | Siavash M. Alamouti, "A Simple Transmit Diversity Technique for Wireless Communications," IEEE Journal on Select Areas in Communications, Vol. 16, No. 8, October 1998, pp. 1451-1458. |
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EXAMINER  
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(Form PTO-1449 [6-41])

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|    |  |    |   |
|----|--|----|---|
| EB |  | 1. | Hamid Jafarkhani, "A Quasi-Orthogonal Space-Time Block Code", IEEE Transactions on Communications, Vol. 49, No. 1, January 2001, pp. 1-4. |
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